



NUMBER		NOT REQ'D	NOT DONE	SATISFIED	 STORM DRAIN Checklist			
					REVIEW # _____			
					BY _____	DATE _____		
	ITEMS				Location in Standards			

General					
1	Review General & Grading checklists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See web site
Cover Sheet or sheet 2					
2	COG General Notes for G&D Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.4.1
Plans					
3	Scale 1"=20' horz, 1"=2' min vertical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(L)
4	10 year Design street capacity, Arterial contained within curbs (Art & Major Collector one dry 12' lane in each direction)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.1(B) Table 3.3-1 Hydrology Design Criteria, 3.3.4(A.1)
5	City maintained SD shall be in R/W or easement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.2(F), 3.3.4(B)
6	Stationing & offset from centerline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2, G-3130, G-3132, G-3143, G-3136
7	6' horizontal separation from water & sewer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.2.4(B.4), 3.3.4(D), 6.2.1(E)
8	Developments within ¼ mile of public SD or channel shall drain to it	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.6(C.8.c)
9	18" min lateral size, 24" min main size	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.2(C), 3.3.4(C.4) 3.3.6 (C.8.b)
10	Pipe material RGRCP Class III min (Class IV req if < 2' cover up to the pavement section, no pipe in pavement section, HDPE up to 48")	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.5 (A), G-3540, MAG Spec 618.3
11	Pavement cuts not permitted (All new pavement is to remain in a new uncut condition for a period of 5 years or pay fee)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.7(A.7) Per Ord No.2000-697, Pavement Cut Fee Schedule, G-3130, G-3132, G-3143, G-3136
12	Catch Basins G-3535-1 Type M ONLY (note wing length on plans)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.3(B.3), 3.3.4(A.7), G-3535-1,-2,-3 Table "A"
13	Headwalls require handrails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.5(B.3), MAG Std Det 145
14	No bubble-ups allowed to discharge street drainage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.4(E)
15	Encasement shown in plan & profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MAG 507
Profile					
16	Storm Drain main profiled (laterals not required to be profiled)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.6 (A.2)
17	Profile utility crossings, label min separation (2' min vert sep under and over	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.5(B.2.e), 3.2.4(B.4), 5.1.4(J.5)

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	water, reclaimed water, or sewer)				
18	0.1' min drop in MH if intersecting pipes are > 30 Degree (not < 90 degrees)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.4 (C.6)
19	Match crowns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.5 (B.2.d)
20	V @ catch basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.3(B.3) , G-3535-1,-2,-3 Table "A"
21	Show Hydraulic Grade line for 10 year 6 hour, 1' below finish grade at all storm drain structures (MH, CB, HW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.4 (C.5)
22	Velocity shall be between 3 fps & 9 fps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.4 (C.3)
23	Pipe at headwall needs a min cover of 9" or 12" without rip-rap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MAG Std Det 501-1
Manholes					
24	Manholes per MAG standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.5(B)
25	MH spacing 18" to 36"=400', 36"& Larger 660'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.5 (B.3)
Additional Notes on Plans					
26	If connecting to an existing storm drain system "Contractor shall verify the location of the existing storm drain line before proceeding with trenching"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.2.4(B.3)